



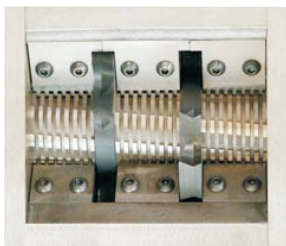
Integrating plastic technologies  
since 1965

# GRANULATORS

## SG-I4 Series



**SG-I417**



Teeth cutters

### SCREENLESS GRANULATORS

SG-I4 series screenless granulators operate in super low speed. Teeth cutters and cutting blades work together to reduce materials into well-proportioned granules. The least amount of dust is produced in the cutting process. Multiple security devices ensure high safety grade; automatic reverse function ensures continuous operation. SG-I4 is mainly used for by-the-press recycling of sprues fed by pickers. Regrind can be conveyed back to moulding machines for reuse by instant recycling device.

### FEATURES:

- German made gear motor features steady performance, long life, and high torque.
- Teeth cutters and cutting blades are integrally fitted in one cutting chamber. Staggered blades make the initial cutting and teeth cutters reduce the materials into desired size. Regrinds could be used with virgin materials.
- Screenless design, well-proportioned size of regrinds and least amount of dusts.
- Low speed, low noise level, and low energy consumption.
- When motor blockage occurs, the machine will alarm visibly and enable motor reverse function. It resumes normal operation automatically after the trouble is clear.
- "Euro" style appearance and compact in size for space saving and ease of cleaning.
- Motor shaft and rotor shaft are connected by shaft coupling thus ensuring smooth cutting action and convenient motor replacement.
- Transparent acryl-glass feeding hopper.

# SPECIFICATIONS:

Model	SG-1411	SG-1417
Motor power (kw, 50/60Hz)	0.37/0.44	0.37/0.44
Rotor speed (rpm, 50/60Hz)	26/32	26/32
Number of cutting blade(s)	1	2
Number of teeth cutters	2	3
Cutting chamber (mm)	141 x 112	141 x 176
Throughput capacity (kg/hr, 50/60Hz)	2/3	3/4
Noise level dB(A)	60	60
Material of teeth cutter	SKD-11	SKD-11

## DIMENSIONS

A (mm)	233	233
B (mm)	208	266
H (mm)	714	837
L (mm)	574	638
W (mm)	290	290
Weight (kg)	60	70

- Note:** 1) Noise level will vary with different materials.  
2) The max. capacity of the machine is subject to the size and composition of processing materials.  
3) SKD-11 is material code number of Japanese JIS standard.  
4) Space between teeth cutter blades is standardly set as 3mm, 4mm is optional.

